

## California Weather-Hydro Conditions during May 2016

As of May 31, statewide hydrologic conditions were as follows: precipitation, 110 percent of average to date; runoff, 100 percent of average to date; and reservoir storage, 85 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2016, observed through May 31, 2016 was about 15.7 million acre-feet (MAF), which is about 100 percent of average. In comparison to Water Year 2015, the observed Sacramento River Region unimpaired runoff through May 31, 2015 was about 8.0 MAF, or about 51 percent of average.

On May 31, the Northern Sierra 8-Station Precipitation Index Water Year total was 56.9 inches, which is about 120 percent of the seasonal average to date and 114 percent of an average water year (50.0 inches). During May, the total precipitation for the 8-Stations was 2.2 inches, or about 105 percent of average for the month. Last year on May 31, the Water Year 2015 seasonal total for the 8-Stations was 35.2 inches, or about 74 percent of average.

On May 31, the San Joaquin 5-Station Precipitation Index Water Year total was 39.7 inches, which is about 102 percent of the seasonal average to date and 97 percent of an average water year (40.8 inches). During May, the total precipitation for the 5-Stations was 1.1 inches, or about 61 percent of average for the month. Last year on May 31, the Water Year 2015 seasonal total for the 5-Stations was 17.4 inches, or about 45 percent of average.

On May 31, the Tulare Basin 6-Station Precipitation Index Water Year total was 25.6 inches, which is about 91 percent of the seasonal average to date and 87 percent of an average water year (29.3 inches). During May, the total precipitation for the 6-Stations was 0.4 inches, or about 36 percent of average for the month. Last year on May 31, the Water Year 2015 seasonal total for the 6-Stations was 12.1 inches, or about 43 percent of average.

Daily Precipitation (in inches) for Selected Stations as of 05/31/2016					
Station	Oct 1 to Date 2015 - 2016	% Average	Season to Date 2014 - 2015	% Average	% Average Oct 1 - Sep 30
Mount Shasta	38.56	94	33.55	82	88
Eureka	43.61	113	29.86	78	108
Redding	36.05	109	22.51	68	104
South Lake Tahoe	22.04	121	11.65	64	108
Sacramento Executive Airport	16.14	90	15.37	86	87
Santa Rosa (Sonoma Co AP)	30.31	85	22.25	63	84
San Francisco	22.12	95	17.43	75	94
Stockton	16.60	121	10.58	77	118
Yosemite	35.56	99	15.64	43	94
Monterey	21.53	137	14.51	92	134
Paso Robles	7.37	59	8.21	66	58
Fresno	14.27	129	6.42	58	124
Bakersfield	5.44	87	5.29	84	84
Death Valley	1.61	85	1.05	55	68
Los Angeles	6.35	44	8.39	58	43
Riverside	5.17	43	4.83	41	42
Palm Springs	2.50	53	2.19	46	44
San Diego	7.73	77	8.73	87	75

Key Reservoir Storage (1,000 AF) as of 05/31/2016								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,392	2,114	66	2,448	57	---	1,056
Shasta Lake	Sacramento	4,167	3,901	107	4,552	92	-385	385
Lake Oroville	Feather	3,307	2,990	111	3,538	93	-231	231
New Bullards Bar Res	Yuba	901	837	108	966	93	-65	65
Folsom Lake	American	826	821	101	977	85	-151	151
New Melones Res	Stanislaus	624	1,519	41	2,400	26	-1,796	1,796
Don Pedro Res	Tuolumne	1,534	1,553	99	2,030	76	-478	496
Lake McClure	Merced	585	701	84	1,025	57	-275	440
Millerton Lake	San Joaquin	360	403	89	520	69	-160	160
Pine Flat Res	Kings	629	722	87	1,000	63	-276	371
Isabella	Kern	134	299	45	568	24	-227	434
San Luis Res	(Offstream)	677	1,617	42	2,041	33	---	1,362

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for June 2016, issued May 31, 2016, suggests average precipitation for all of California.